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wherein the curved sash grill promotes smooth air flow into said work area,
thereby better containing any harmful materials.

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(First Amended) The biological safety cabinet of claim 1, the safety cabinet further comprising a pair of spaced side trim panels, one of said trim panels being located adjacent each of said side walls of said work area, said side trim panels forming an obtuse angle with respect to said side walls thereby promoting smooth flow of room air into said work area..

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(First Amended) The biological safety cabinet of claim 1, wherein said sash has a handle coupled thereto along the lower-most surface thereof, said handle having a top surface adjacent said sash, a rear surface facing said work area and a front surface extending between the top and rear surfaces, said front surface of said handle being oriented at an acute angle relative to said rear surface to allow air entering said work area along said front surface to more smoothly interface with the air traveling downwardly along said rear surface.

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(First Amended) The biological safety cabinet of claim 1, wherein said sash has a handle coupled thereto along the lower-most surface thereof, said handle having a top surface adjacent said sash, a rear surface facing said work area and a front angled surface extending between the top and rear surfaces, said angled front surface allowing air entering said work area along said front surface to more smoothly interface with the air traveling downwardly along said rear surface.

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(First Amended) A biological safety cabinet, comprising:

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a frame, said frame having outer walls and inner walls, said inner walls being spaced from said outer walls, said inner walls defining a protected work area, said work area being enclosed on all but a front face;

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a sash coupled to said frame, said sash at least partially enclosing the front face of said work area;

a blower coupled to said frame generally above said work area, said blower being adapted to circulate air through said work area; and

a pressure gauge mounted on one of said inner walls and located within said work area, said pressure gauge adapted to measure a positive pressure environment created by said blower above said work area, wherein any leaks in said pressure gauge will be contained within said work area.

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~~13~~ (First Amended) The biological safety cabinet of claim ~~12~~⁶, wherein one of said inner walls is a rear baffle plate defining the rear wall of said work area and wherein said pressure gauge is mounted in said baffle plate.

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~~15~~ (First Amended) A biological safety cabinet, comprising:

a frame defining a protected work area enclosed on all but a front face, said work area including a rear baffle, opposing side walls, a ceiling and a bottom surface, said baffle being spaced above said bottom surface;

a sash coupled to said frame, said sash at least partially enclosing the front face of said work area;

a blower coupled to said frame above said ceiling of said work area, said blower being adapted to circulate air through said work area;

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a rear panel located behind said baffle of said work area, said rear panel spaced from said baffle to create a void through which air can flow; and

a perforated towel catch extending between a lower-most edge of said baffle and said rear panel, said towel catch being closer to said bottom surface at said rear panel than at said baffle,

wherein said towel catch may be visually inspected for blockage through said open front face of the safety cabinet.

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(First Amended) A biological safety cabinet, comprising:

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a frame defining a protected work area, said work area being enclosed on all but a front face;

a sash coupled to said frame, said sash at least partially enclosing the front face of said work area, said sash being moveable to allow access to said work area;

a blower coupled to said frame above said work area, said blower being adapted to circulate air through said work area;

a sash pocket coupled to the exterior of said frame generally above said work area and above said sash, said sash pocket being enclosed on all but a lower end thereof, said sash extending into said lower end of said sash pocket;

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147 a front panel coupled to said frame above said work area and in front of said blower, said sash pocket being coupled to said front panel, said sash being spaced outwardly away from said front panel, and wherein said front panel includes a plurality of holes extending therethrough above said work area, said holes providing fluid communication between the exterior of the safety cabinet and the interior thereof, wherein said sash pocket provides a protective housing for said sash when said sash is moved upwardly away from said work area.

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24. (First Amended) The biological safety cabinet of claim 15, wherein said sash is spaced away from said work area, allowing fluid communication between said work area and the exterior of the safety cabinet, the cabinet further comprising a deflector plate coupled to said frame at the upper end of said work area, said deflector plate extending towards said sash and being spaced away therefrom, said deflector plate operating to maintain a uniform negative pressure in the area of said holes thereby insuring a uniform flow of air into said holes.

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25. (First Amended) The biological safety cabinet of claim 24, further comprising a front cover coupled to said frame, said cover extending over said sash pocket and said front panel to remove said sash pocket and said front panel from view.

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26. (First Amended) A biological safety cabinet, comprising:

a frame defining a protected work area enclosed on all but a front face, said work area having a back wall, opposing side walls, a ceiling and a bottom surface;

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a blower coupled to said frame above said ceiling of said work area, said blower being adapted to circulate air through said work area;
a supply filter forming said ceiling of said work area,
said blower directing air through said supply filter, said supply filter being adapted to remove contaminants from the air flowing there through;
a plenum box located between said supply filter and said blower; and
a distribution baffle located within said plenum box and extending generally across said plenum box, said distribution baffle being mounted with a first end located adjacent an output region of said blower and being angled upwardly as said baffle extends away from said blower, wherein said distribution baffle operates to evenly distribute the air flowing from said blower across said supply filter.

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(First Amended) An exhaust control cap for a biological safety cabinet having an exhaust port, said control cap comprising:

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an enclosure for said exhaust port, said enclosure having sides projecting above the top of said cabinet;
at least one side panel presenting a plurality of apertures therein;
a top panel extending over said sides and covering the top of said enclosure;
and